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To Jim Christiansen/EPR/R8/USEPA/US@EPA

cc

Subject Re Libby RI rationale

Jim

I know I'm late but I think your rationale is dead on target. When you get down to some of the possible scenarios listed at the end (e.g. no zonalite, no source material, but mining history) I think it will likely be worthwhile \$ wise to sample vs. simply cleaning the home/building interior. I'll try to set up some specific cost tracking to sort out our costs for HEPA vacuuming/wet wipe of home interiors vs. the cost of sampling (trying to account for home size etc.) but I think you're looking at \$3k for an interior cleaning vs. \$750 for sampling per an average house. So far roughly 18% of the homes have had detectable amphibole in their dust samples (<5% with dust levels >5000 f/cm<sup>2</sup>) so if the trend holds the sampling would cull out quite a few homes. Otherwise it looks good. It would be good if we could also work out a more efficient indoor sampling technique than microvac samples to an off site lab. The microvac samples are fairly informative but require a bit more sample prep. Also the use of SEM vs TEM for these ought to be chewed on. I know these are details to be worked on just thought I'd toss em in.

paul